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**From:** Richardson, William [Richardson.William@epa.gov]  
**Sent:** 2/16/2022 5:09:13 PM  
**To:** Bennett, James [bennett.james@epa.gov]  
**Subject:** FW: UIC Meeting with R3 and R5

FYI...Cathy likely meant this for you.



**Bill Richardson** (he/him)  
Chief, Drinking Water Section  
US EPA Region 3 -- Mid Atlantic  
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**From:** Libertz, Catherine <Libertz.Catherine@epa.gov>  
**Sent:** Wednesday, February 16, 2022 12:08 PM  
**To:** J.Hines@shell.com  
**Cc:** Jason.Dupres@shell.com; Matthew.Mangum@shell.com; Virginia.Q.Sanchez@shell.com; Gillespie-Marthaler, Leslie <GillespieMarthaler.Leslie@epa.gov>; Crumlish, Karen <Crumlish.Karen@epa.gov>; Richardson, William <Richardson.William@epa.gov>; Fong, Tera <Fong.Tera@epa.gov>  
**Subject:** RE: UIC Meeting with R3 and R5

Good morning, John.

We have coordinated with our Region 5 counterparts and have identified the following 3 time slots that all the key players can be available to speak with your team. Please let me know which works best for you and we will get a Teams video meeting set up. Given the technical nature of the topics listed below, my recommendation would be to have the first half hour dedicated to discuss the goals/timeline of the project and any big picture items you would like my counterpart, Tera Fong, and I to weigh in on, and then leave the bulk of the meeting for our technical teams to cover the topics below.

- Friday, Feb 25th (2pm-4pm) Chicago Time (1pm -3pm EST)
- Wed, March 2nd (12pm-2pm) Chicago Time (11am to 1pm EST)
- Wed, March 2nd (2pm-4pm) Chicago Time (1pm to 3 pm EST)

Thanks. I look forward to our discussions!

Cathy



**Catherine A. Libertz**  
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**From:** J.Hines@shell.com <J.Hines@shell.com>  
**Sent:** Wednesday, February 02, 2022 8:52 AM  
**To:** Libertz, Catherine <Libertz.Catherine@epa.gov>  
**Cc:** Jason.Dupres@shell.com; Matthew.Mangum@shell.com; Virginia.Q.Sanchez@shell.com  
**Subject:** UIC Meeting with R3 and R5

Cathy,

As always, it was great to catch up yesterday. Per our discussion, I would very much appreciate you help in setting up a meeting with you, your team, and your colleagues from Region 5 to discuss the UIC program particularly the permitting Appraisal/Class VI wells. Specific topics we would like to address during our meeting include:

- Multi-rate injectivity testing acceptance
- Production test use as proxy to demonstrate injection capacity
- Brine injection into stratigraphic appraisal wells. Class V recommendations?
- Recommended approach for permitting a stratigraphic appraisal well for Class VI application. If Class V who permits these in OH/PA/WV
- Class V appraisal authorization timing
- Public comment process/timeframes
- Permitting pathway for conversion of stratigraphic appraisal wells to monitoring/observation wells or Class VI
- Expected time to Class VI drill permit, and subsequent injection authority (i.e. Phases 1 and 2)
- Class VI AOR re-evaluation timeframes
- Site closure monitoring timeframes
- Public comment: Timing and opportunity for scheduling hearings at same time as public notice to reduce time.
- GSDT module draft review process. Varies by State.
- Regional office resourcing (expected CVI processing backlogs/submittals to date)
- Geology confidentiality timeframes
- Pending bills related to CCS permitting (EPA R5 primacy)
- Seismic/NTR - recommended focus areas within Regions

We can sharpen the topics into an agenda and I think given we are looking at two regions, we may need a two hour block. If you could please provide me some dates that are convenient on your end, I will secure the right team of individuals from Shell.

As always, thanks for your guidance and openness to discuss.

Talk with you soon.

*John T. Hines*

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